
XXIV. *Catalogue of some of the more rare Plants observed in a Tour through the Western Counties of England, made in June 1799, by Dawson Turner, Esq. F.L.S. and Mr. James Sowerby, F.L.S.*

Read October 1, 1799.

THE expedition which it is in general necessary to employ in passing through a large extent of country, the want of proper books and other conveniences to examine what is found, and, above all, the ignorance of the spots most likely to prove advantageous to his researches, are obstacles which every traveller, whose pursuit is Natural History, must encounter, in a greater or smaller proportion. Of these a very considerable share fell to our lot, the objects that we endeavoured to follow being far more numerous and extensive than our limited leisure would allow us to attain; for it cannot be imagined that the time left for Botany could be considerable, when it is known that in little more than a month we journeyed nearly a thousand miles, striving at the same time to bestow attention upon the other branches of natural history, the manufactures, and the numerous antiquities with which the county of Cornwall eminently abounds.

This, then, must plead our excuse (if indeed an excuse be necessary) for the shortness of the following list, into which we have admitted no plant that we ourselves did not see growing, and from which we have tried to exclude all those that may not be
classified

classed among the more rare productions of this kingdom; unless, perhaps, in the genera of *Lichen* and *Fucus*, which we considered as tribes so little known in general, that we thought we might be excused if we noticed all excepting the most common. The peculiar season of the year of course prevented our meeting with either *Musci*, *Jungermannia*, or *Fungi*.

We have mentioned many habitats that were before quoted by authors, but have been induced to do so from a desire to shew that the plants still exist in the same places; and we now submit the fruits of our researches to the Linnean Society, flattering ourselves with the hope that they may hereafter prove useful to some Botanist, whom chance or inclination may lead to the spots which we visited.

Having premised this, it only remains for us to express the sense we feel of the kind attention we received from the cultivators of Natural History in the places through which we passed, particularly to Richard Bryer, Esq. of Weymouth, to the Rev. J. T. Thomson, and William Penneck, Esq. of Penzance, to Thomas Webb Dyer, and William Clayfield, Esqrs. of Bristol, and to Dr. Williams of Oxford; to all of whom we are happy to own ourselves indebted, as well for repeated instances of civility, as for the trouble they took in pointing out to us the plants growing round their several towns.

Serapias latifolia—St. Vincent's Rock, near Bristol.

Valeriana rubra—Walls of Glastonbury-Abbey, and Oxford. Sometimes with a white flower.

Iris fœtidissima—Hedges about Weymouth.

Eriophorum vaginatum—Marsh near Penzance.

Carex digitata—St. Vincent's Rock.

- Rubia peregrina*—Hedges near Exeter, Plymouth, Sidmouth, Dunster, &c. &c.
- Achusa sempervirens*—near Liskeard and Barnstaple.
- Symphytum patens*—Meadows between Lyme-Regis and Sidmouth.
- Campanula hederacea*—near Falmouth, Penzance, Camelford, &c.
- *hybrida*—Cornfields near the site of Old Sarum.
- Verbascum Lychnitis*—near Taunton.
- Viola lactea*—Heaths between Liskeard and Lestwithiel.
- Illecebrum verticillatum*—Boggy ground near Penzance.
- Herniaria glabra*—Hedges at the Lizard Point.
- Beta maritima*—Cliffs at Weymouth, Falmouth, &c.
- Daucus maritimus*, With.—Rocks about Castle-Treryn.
- Critbnum maritimum*—common in Cornwall.
- Heracleum Sphondylium* β —Hedges near Holfworthy, Devonshire.
- Ligusticum cornubiense*—near Bodmin.
- Oenanthe crocata*—plentiful in Cornwall.
- Pimpinella dioica*—St. Vincent's Rock.
- Tamarix gallica*—St. Michael's Mount.
- Linum usitatissimum*—Cliffs at Falmouth.
- Scilla autumnalis*—Clifton near Bristol.
- *verna*—Pastures near the Lizard-Point and Land's-End.
- Asparagus officinalis*—near the Ferry and extremity of Portland Island.
- Vaccinium Myrtillus*—Hedges about Liskeard.
- Erica vagans*—abundant on the Downs between Helston and the Lizard.
- Chrysoplenium oppositifolium*—common in Cornwall.
- Dianthus cæsius*—Chedder Rocks—plentiful, but mostly in inaccessible places.
- Silene amæna*, Hudf.—Sea-coast at Weymouth, and in Cornwall.

- Sedum sexangulare*—Ruins of Old Sarum.
 ——— *anglicum*—common near the Sea in Cornwall and Devonshire.
 ——— *dasyphyllum*—Walls near Bristol.
 ——— *rupestre*—Chedder and St. Vincent's Rocks.
Euphorbia Paralias } —Portland-Island; we found the latter only
 ——— *portlandica* } near the remains of Bow-and-Arrow Castle.
Cratægus Aria—Chedder and St. Vincent's Rocks.
Aquilegia vulgaris—Hedges near Redruth.
Galeobdolon luteum—Wood between Bridport and Lyme-Regis.
Leonurus Cardiaca—Waste ground near Bristol.
Melittis grandiflora, Engl. Bot.—near Ashburton and Lifkeard.
Bartsia viscosa—Marshes about Penzance.
Sibthorpia europæa—Damp hedges and boggy ground near Lestwithiel, Falmouth, Penzance, Camelford, &c.
Crambe maritima—Sidmouth Cliffs, in inaccessible places.
Lepidium petræum—St. Vincent's Rock.
 ——— *didymum*—Rubbish at Penryn.
Tiblasti arvense—Cornfields about Aylesbury.
Cochlearia danica—Sea coast at Portland-Island, and in Cornwall.
 ——— *anglica*—Marshes near Bristol.
Arabis stricta—St. Vincent's Rock.
Turritis hirsuta—Ruins of Old Sarum.
Brassica oleracea—King's-Cove near Marazion.
Geranium sanguineum—near the Lizard-Point, and Bristol.
 ——— *columbinum*—Hedges near Lifkeard, Taunton, Wells and Bristol.
 ——— *maritimum*—about the Lizard-Point and St Michael's Mount.
 ——— *lucidum*—near Wells.
 ——— *rotundifolium*—Hedges near Plymouth and Bristol.

Fumaria.

- Fumaria capreolata* } —Walls and Hedges round Dunster.
 ——— *claviculata* }
Lathyrus Aphaca } —Cliffs near Sidmouth.
 ——— *sylvestris* }
Vicia sylvatica—Cliff at Ilfracombe.
 ——— *lutea* *—Glastonbury Tor Hill.
Hippocrepis comosa—near Dorchester and Bristol.
Trifolium maritimum } —Marshes below Cooke's Folly near Bristol.
Lotus diffusus }
Hypericum Androsavum—Hedges near Saltash.
Tragopogon porrifolium—Marshes below Cooke's Folly near Bristol.
Carduus eriophorus—Hedges near Wells.
Senecio squalidus—Walls near the Botanic Garden, Oxford.
Lycopodium Selago—a moist hill between Sidmouth and Exeter.
Osmunda regalis—common in Cornwall.
Asplenium Ceterach—Walls about Wells and Bristol.
 ——— *marinum*—Rocks at the Lizard, Castle Treryn, &c.
Polypodium fragile—St. Vincent's Rock.
Fontinalis minor—Rivulet near Chedder Cliffs.
Bryum crispum—common on trees in Cornwall.
Hypnum crispum—Wood near Wells—in fruit on St. Vincent's Rock.
Lichen foliatus—Stones at Maiden Castle near Dorchester.
 ——— *calcareus*—Limestone Rocks, Cornwall.
 ——— *pilularis*—Stone-Henge.
 ——— *geographicus*—Rocks at Tintagel, and the Valley of Stones
 near Linton, Devonshire.
 ——— *rupicola*—Rocks near the Lizard.

* We gathered this in great plenty, but saw no appearance of *V. hybrida*. See Engl. Bot. Soc.

- Lichen coccineus* *—Stone-Henge.
 ----- *crenularius*—Rocks near the Lizard.
 ----- *tartareus*—Rocks near Redruth and the Land's End.
 ----- *byssinus*—Wall at Bristol.
 ----- *obscurus*—Rocks about Penzance, the Lizard, &c.—Stone-Henge.
 ----- *luridus*—Chedder Rocks.
 ----- *cartilagineus*—St. Vincent's and Chedder Rocks.
 ----- *muralis*—small stones on Salisbury Plain.
 ----- *centrifugus*—Rocks near Redruth.
 ----- *omphalodes*—near Penzance, Redruth, &c..
 ----- *globiferus*—Stones near Castle Karn Brè.
 ----- *fragilis*—Stones, St. Cleere near Liskeard.
 ----- *paschalis*—between Lestwithiel and St. Austle.
 ----- *exilis*—Rocks at St. Cleere's near Liskeard.
 ----- *articulatus*—Trees near Liskeard.
 ----- *vulpinus*—Rocks and Trees about Castle Treryn, Liskeard, &c..
 ----- *plicatus*—Trees near Bodmin..
 ----- *fuciformis*—Rocks near King Arthur's Castle at Tintagel.
 ----- *Eudocarpon*—Chedder and St. Vincent's Rocks.
 ----- *pulmonarius*—Trees about Camelford, Launceston, &c. We did not find it in fruit..
 ----- *scopulorum*—Rocks at the Land's End.
 ----- *glomuliferus*—Trees near Launceston.
 ----- *caperatus*—abundantly in fruit on rocks near Penzance, and in a Wood near Camelford.

* From a careful examination of this *Lichen*, which I here found in great abundance, I was persuaded of its specific difference from the *L. hematomma* figured in *Engl. Bot.*—They hardly resemble each other in any circumstance except the colour of the shields. D. T.

- Lichen scrobiculatus* } —Trees near Bedmin and Liskeard.
 — *plumbeus* }
 — *miniatus* —Chedder, St. Vincent's and Tintagel Rocks.
 — *saccatus* —Chedder and St. Vincent's Rocks.
 — *perlatus* —We found this in fruit only in a wood between
 Camelford and Bodmin, and on a stone-fence near Ifracombe.
 — *fuliginosus* —plentiful upon trees and rocks about Launceston,
 Bodmin, &c.
 — *Tremella* —Rocks in Devonshire.
Fucus tamariscifolius —Falmouth and St. Michael's Rock.
 — *fibrosus* —Falmouth and Ifracombe.
 — *faniculaceus* —Weymouth, Lyme-Regis and Falmouth.
 — *kalifornis* —abundant on the Western Coast.
 — *esculentus* —King's Cove (Cornwall) and St. Michael's Mount.
 — *sanguineus* —Portland Island.
 — *alatus* —Weymouth.
 — *hypoglossum* —Mount Edgecumbe.
 — *loreus* —Falmouth and Mount's Bay.
 — *bulbosus* —St. Michael's Mount.
 — *canaliculatus* } —common on the Western Coast.
 — *pygmæus* }
 — *jubatus* —King's Cove and Ifracombe.
 — *pinnatifidus* var. *osmunda* —Weymouth.
 — *tomentosus* } —King's Cove and Mount's Bay.
 — *tuberculatus* }
 — *aculeatus* —Portland Island and Kynance Cove near the Li-
 zard.
 — *ovalis* —Portland Island, Falmouth and Mount's Bay.
 — *pinastroides* —Weymouth and Portland Island.
 — *subfuscus* —Portland Island. We saw only one specimen.

Fucus

Fucus corneus—King's Cove.

—— *cartilagineus* }
—— *obtusifolius* } Weymouth.

Ulva purpurascens }
—— *rubens* } Mount Edgecumbe and Falmouth.

Conferva gelatinosa—near Launceston.

Sphæria licheniformis—Stones on Glastonbury Tor Hill.

—— *nitida*—in a Wood between Camelford and Bodmin.

Lycoperdon equinum—near Maiden Castle near Dorchester, on a
ram's horn.